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**(54) LASER RECORDING DEVICE**

**(57) Abstract:**

**PROBLEM TO BE SOLVED:** To enable a laser recording device to change the optical scanning density in plural stages while the processing speed is fixed as it is in the laser recording device having a light source of a laser array.

**SOLUTION:** In this device for optically scanning laser beams emitted from a laser array 11 with a rotating polygon mirror, a rotating means is provided in the laser array 11, the rotating angle of the laser array 11 is changed according to the selection of optical scanning density, only a specified laser in the laser array 11 is made to emit and the light emitting intensity of the laser array 11 is changed. At the time of changing the previous rotating angle, the fine adjustment of rotating angle is performed by an index sensor.

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